



PN01-357-1-19

Portable Field Sampling Glove Bag System

Problem

The INEEL's Radioactive Waste Management Complex remediation project needed to safely retrieve water and vapor samples from Type B probes inserted in buried waste.

Baseline Technology

Use of a stationary glove box to retrieve samples.

Innovative Technology

The INEEL-developed Portable Field Sampling Glove Bag System is a soft-walled portable enclosure that protects the environment and personnel while collecting and preparing hazardous samples.

Comparison

This system moves easily between sampling locations and eliminates the need for 12 stationary glove boxes.

Benefits

Use of this portable sampling system allows workers to safely retrieve water, gas and vapor samples using fewer enclosures, and results in an estimated lifecycle cost avoidance of over \$74,000.



ENVIRONMENTAL RESTORATION PROGRAM

Project: ID-ER-107
Radioactive Waste Management Complex Remediation